

FIG. 1

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

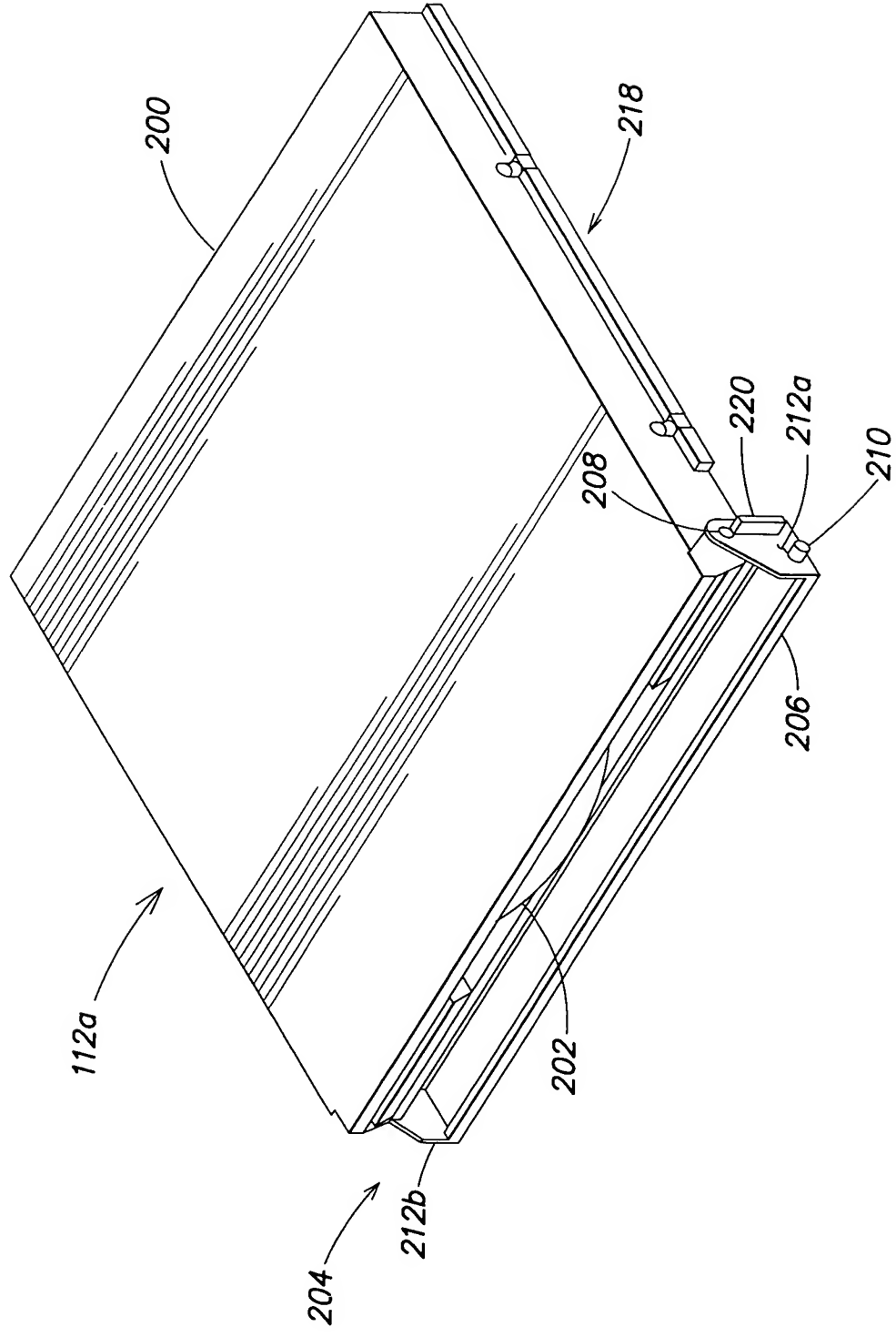


FIG. 2A

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

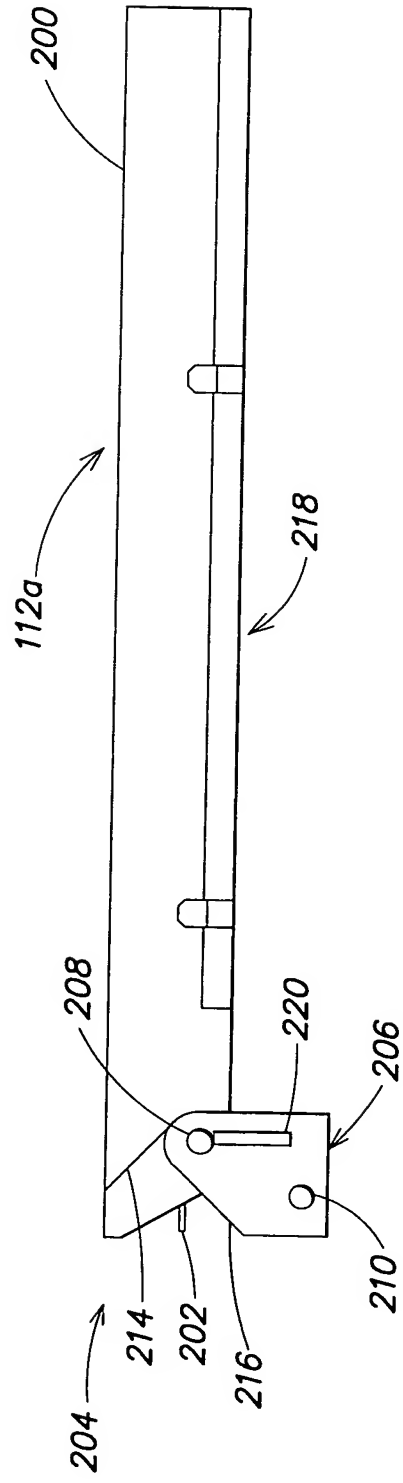


FIG. 2B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

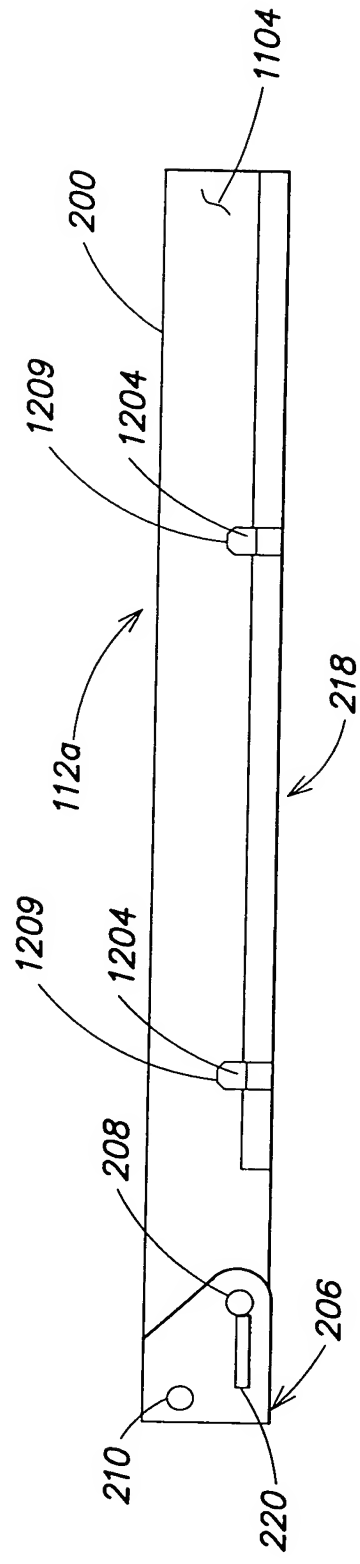


FIG. 2C

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

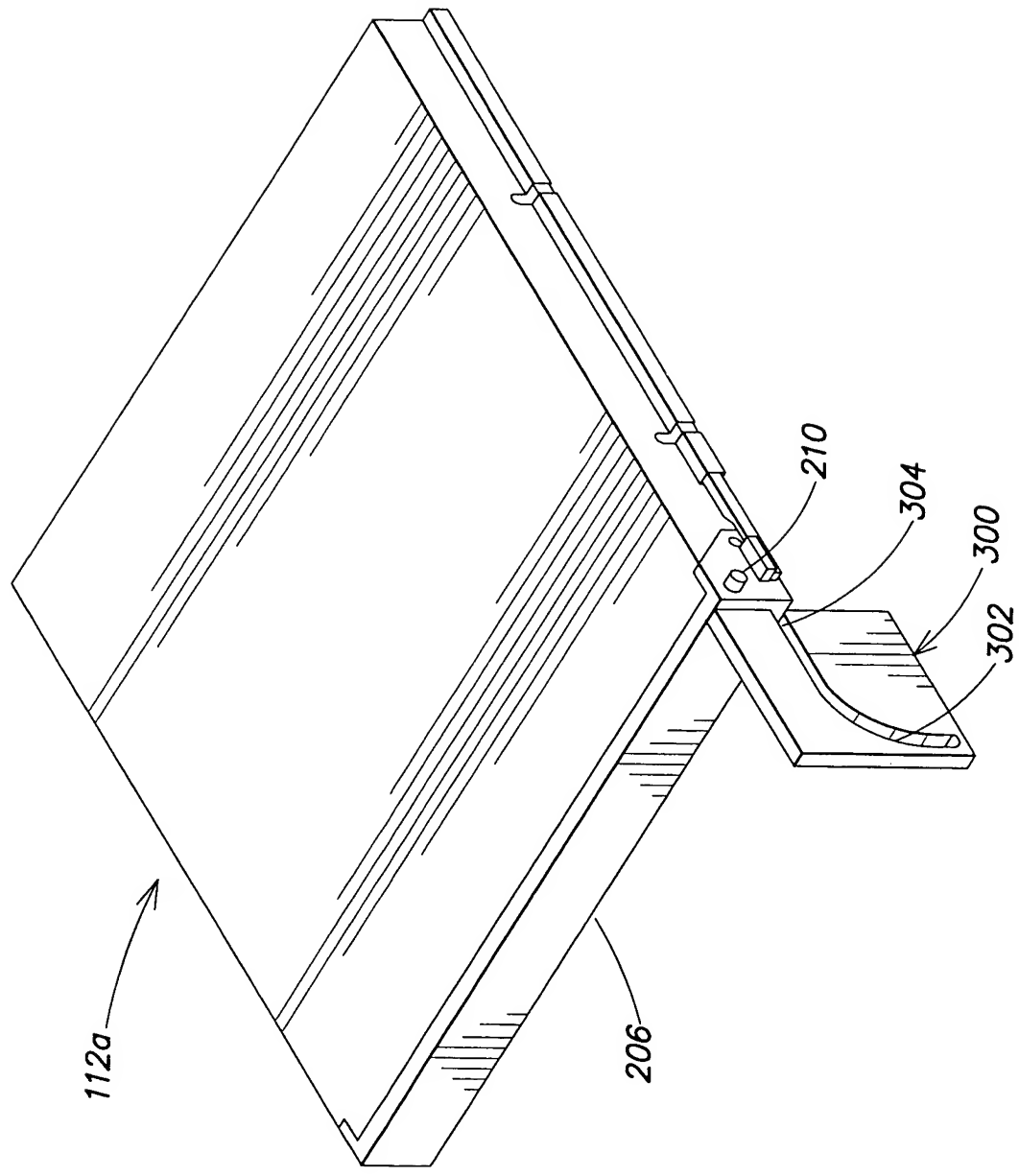


FIG. 3A

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

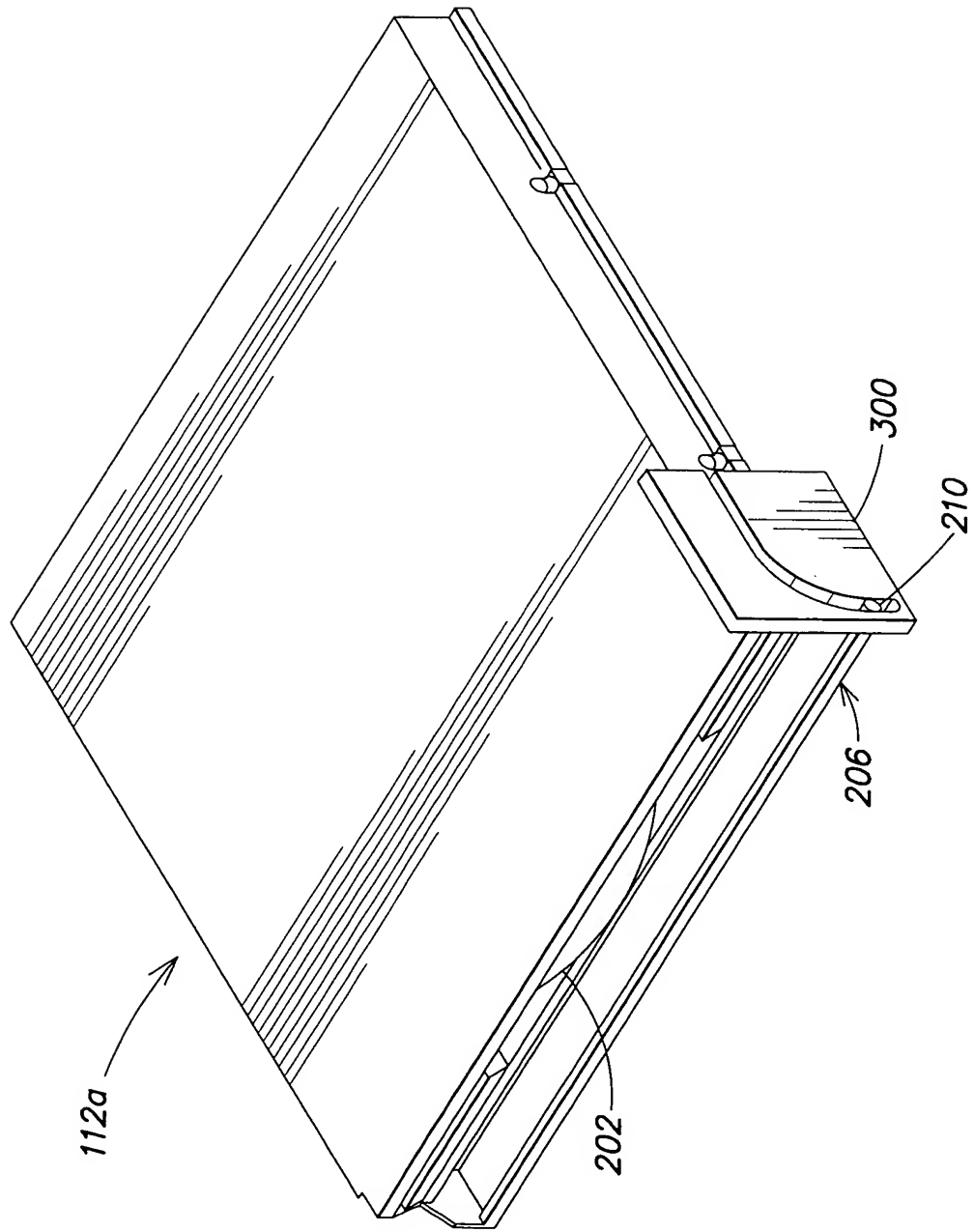


FIG. 3B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

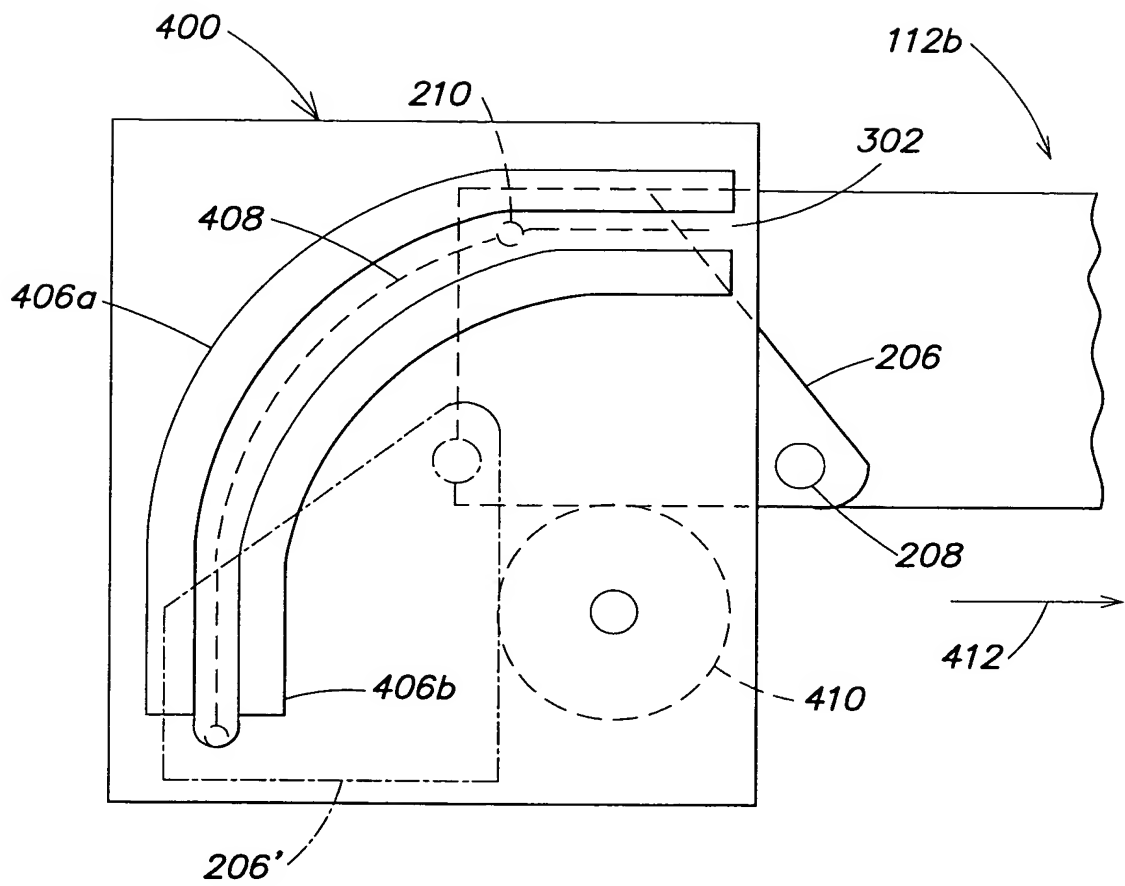


FIG. 4

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

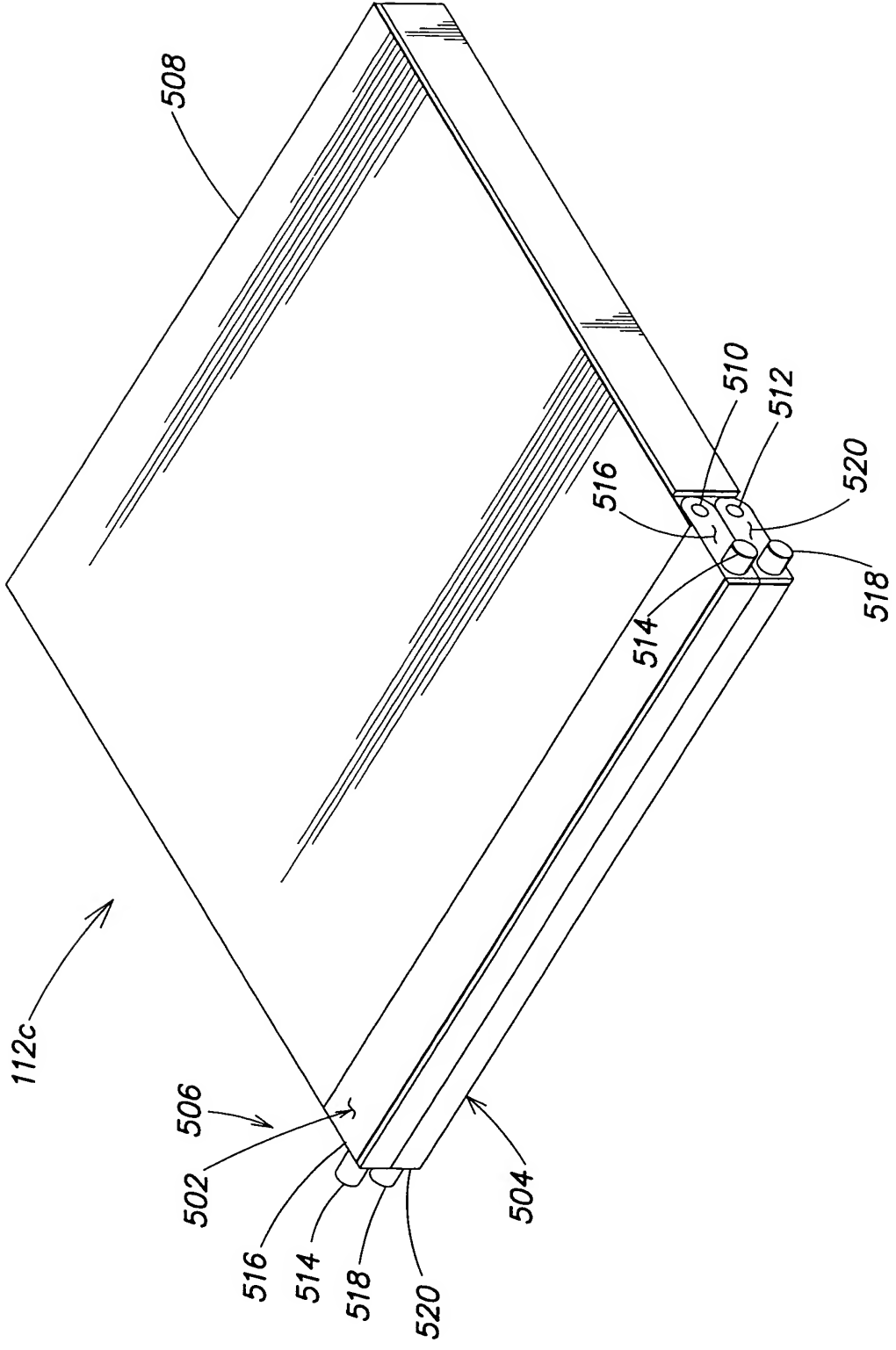


FIG. 5A

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

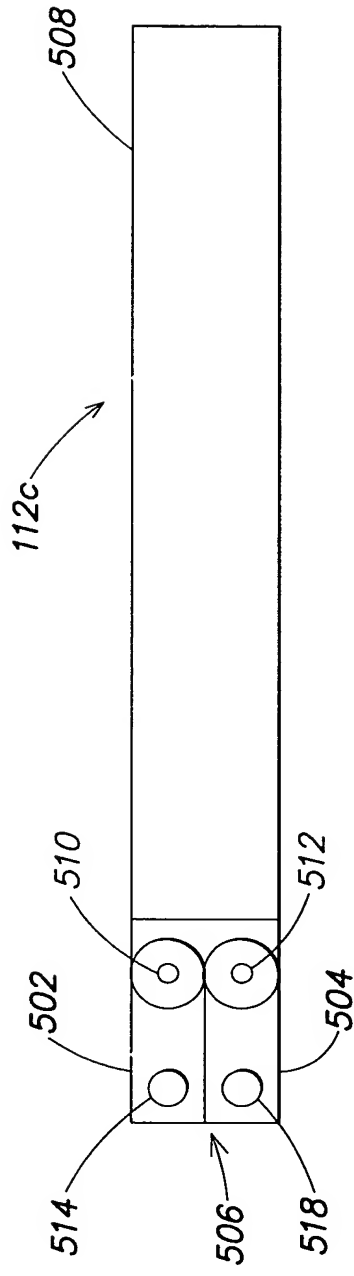


FIG. 5B

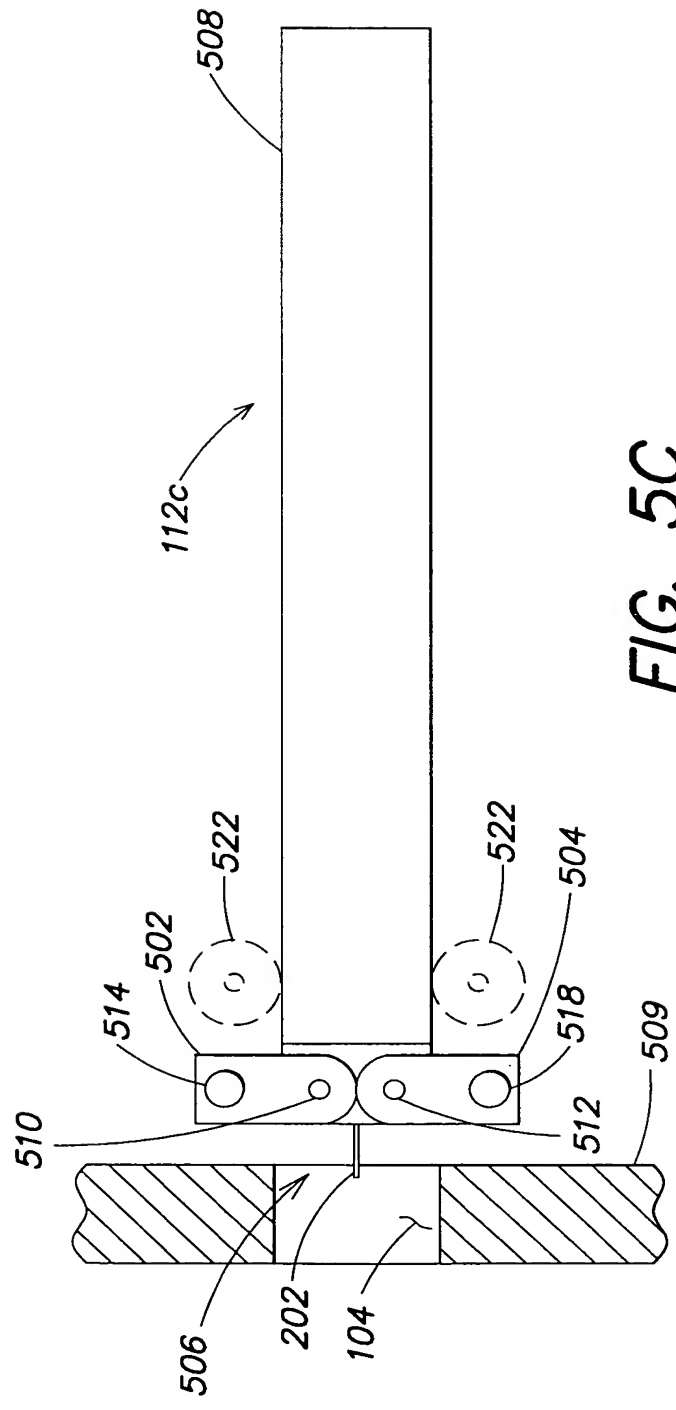


FIG. 5C

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

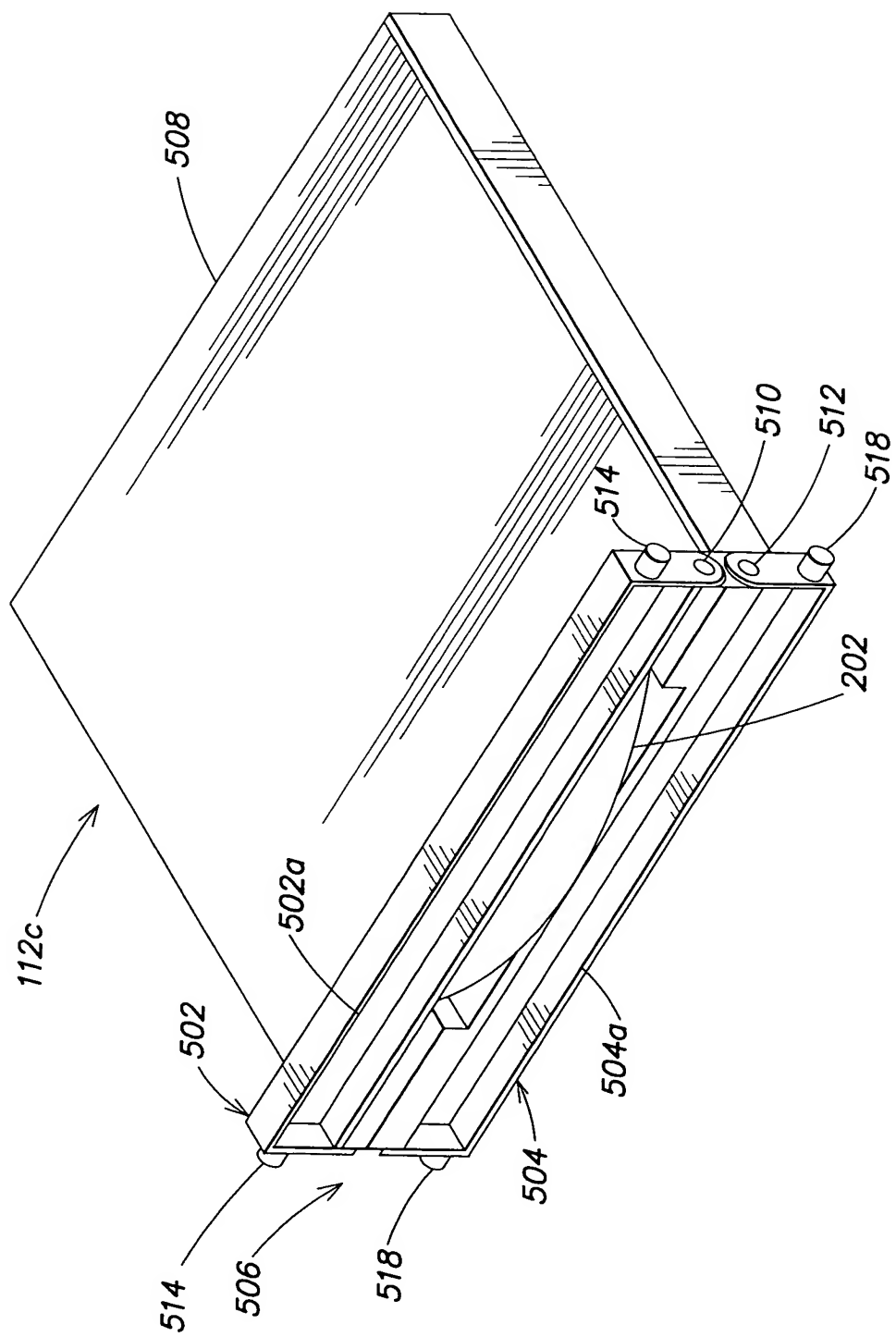


FIG. 5D

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

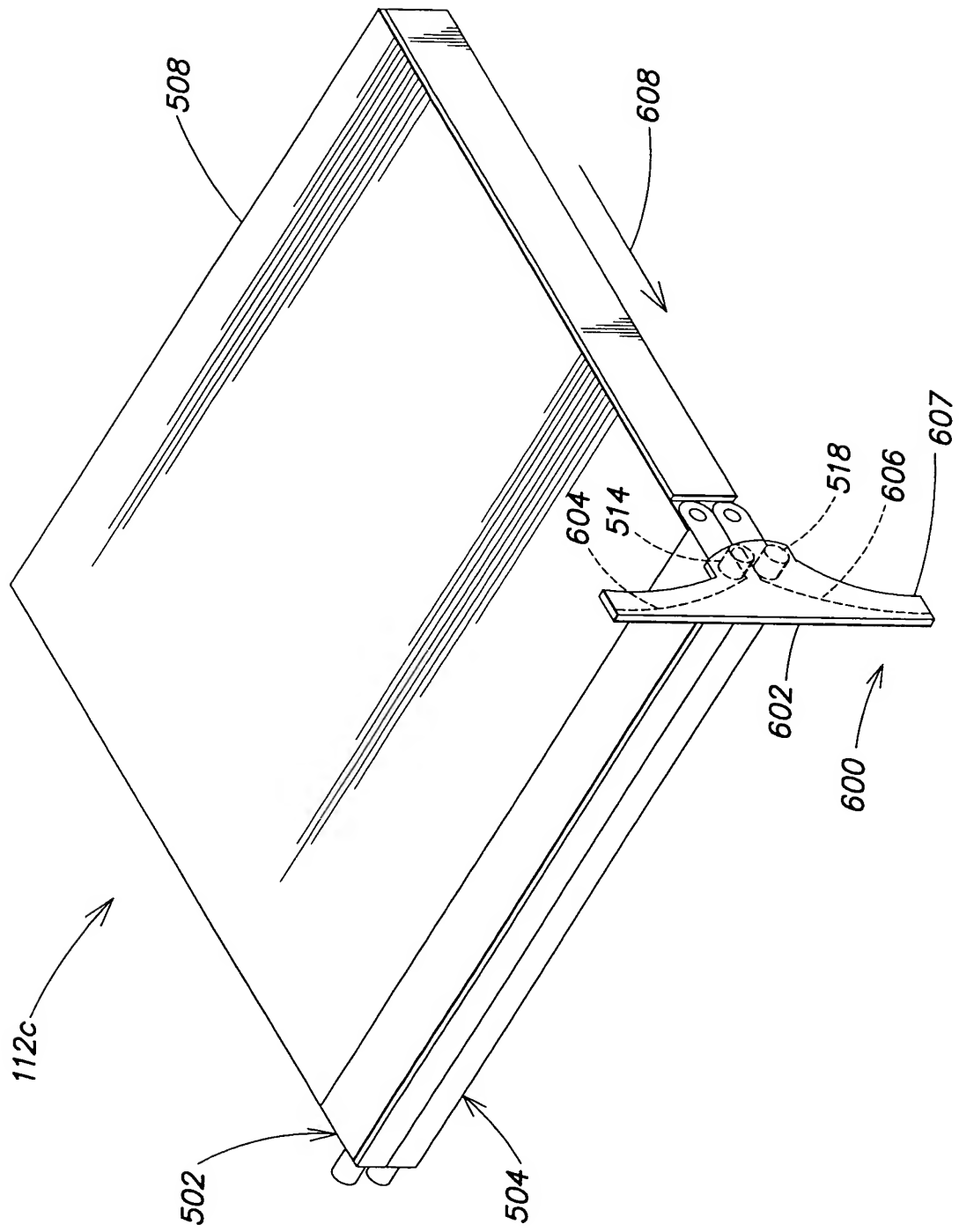


FIG. 6A

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

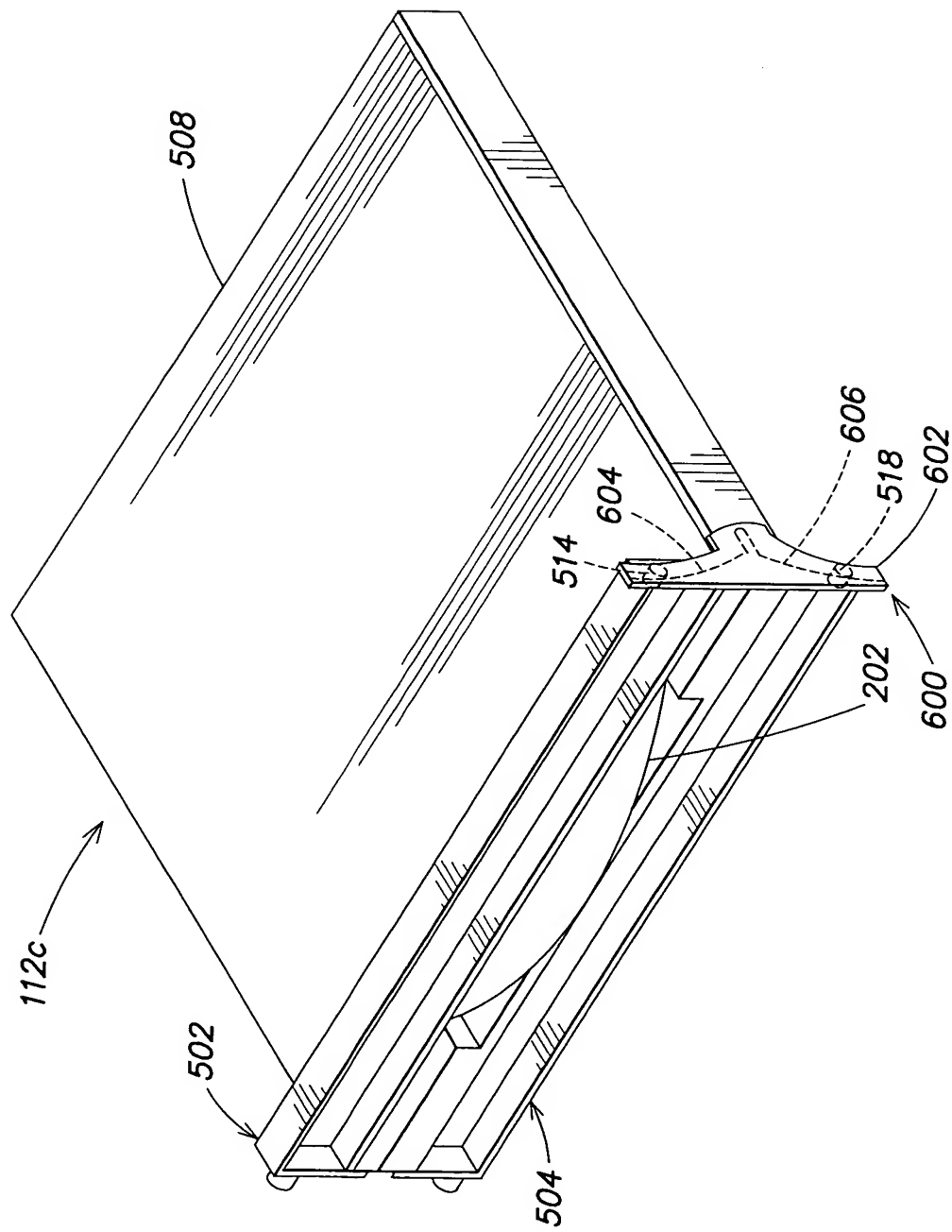


FIG. 6B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

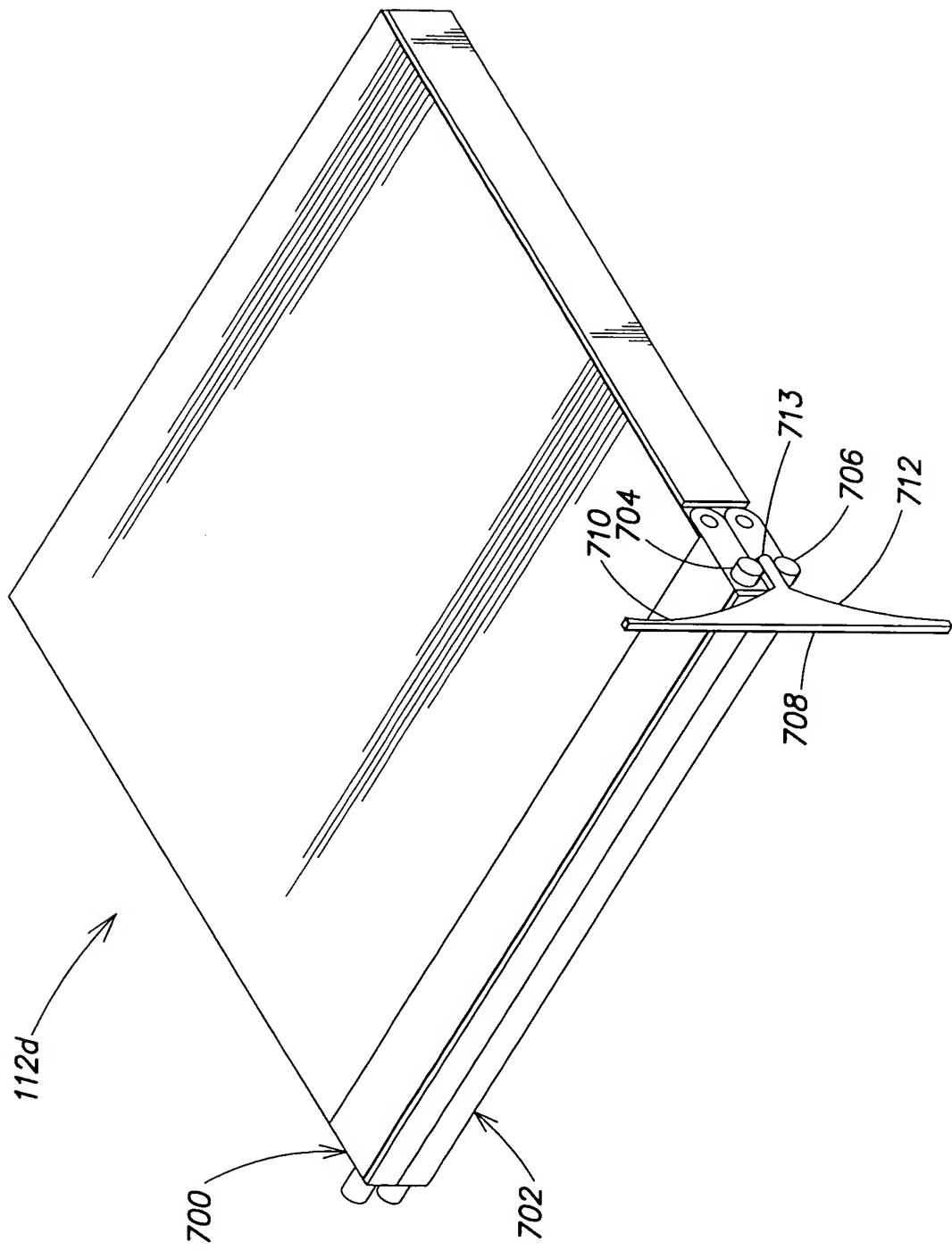


FIG. 7A

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

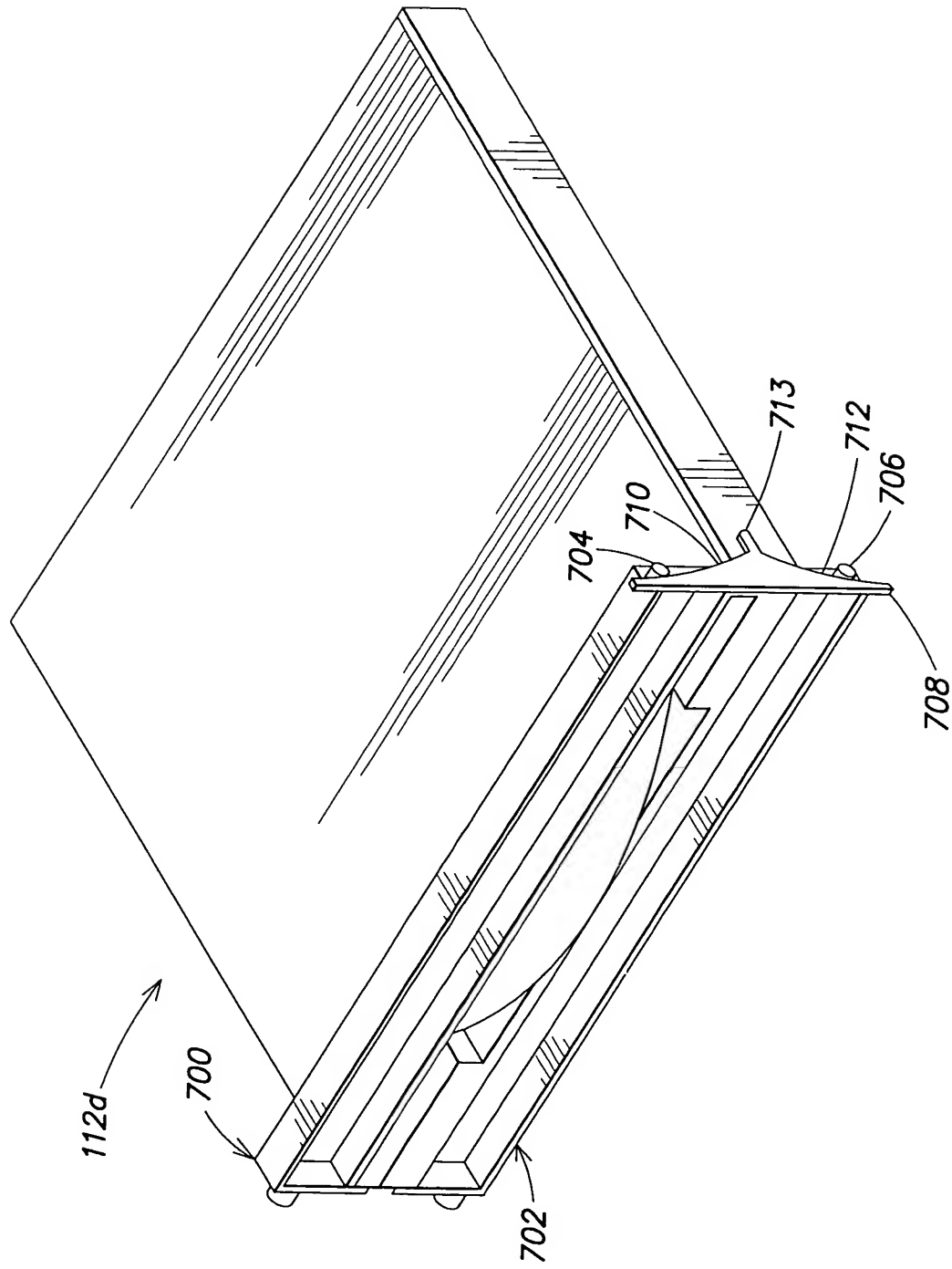


FIG. 7B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

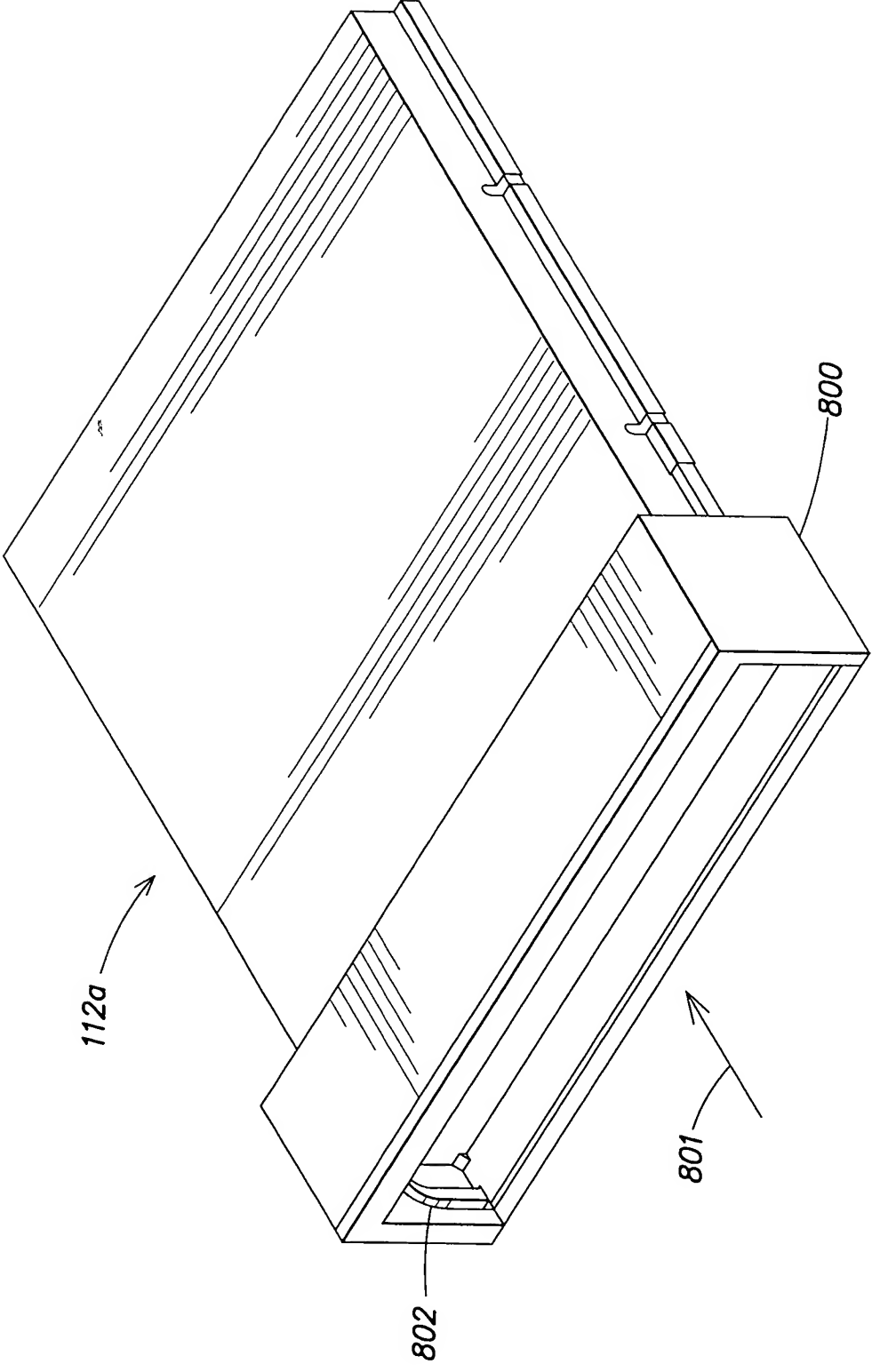


FIG. 8

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

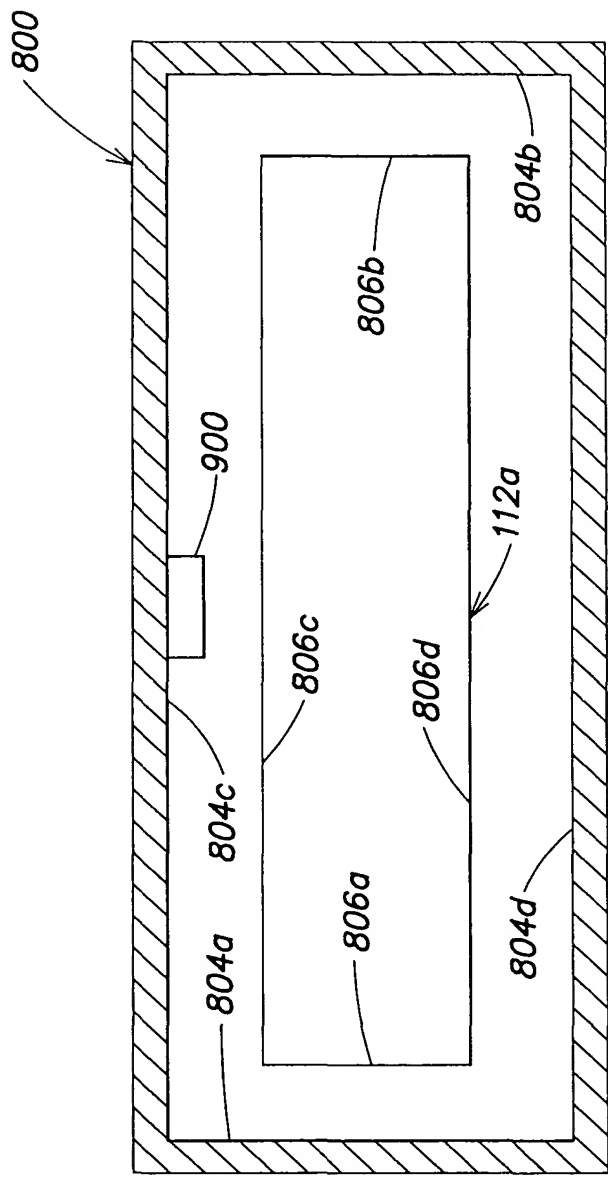


FIG. 9

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

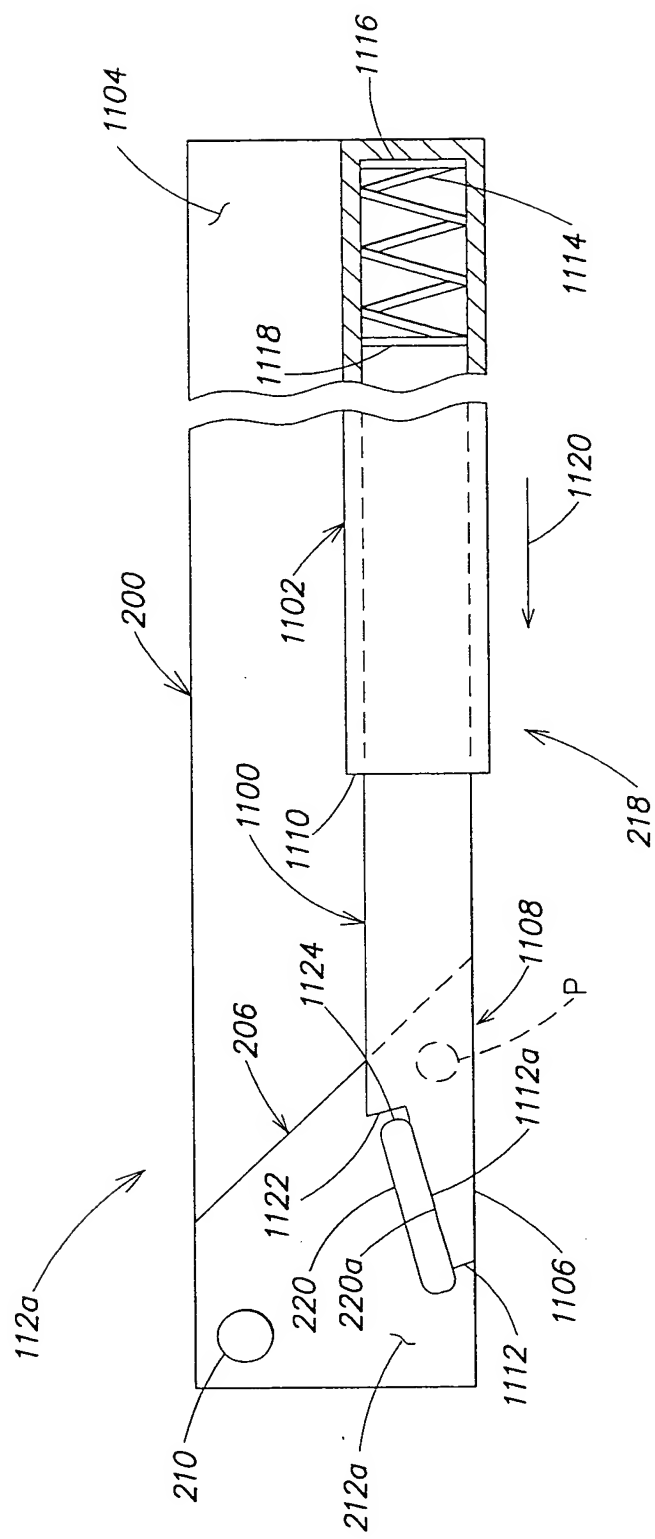


FIG. 11

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

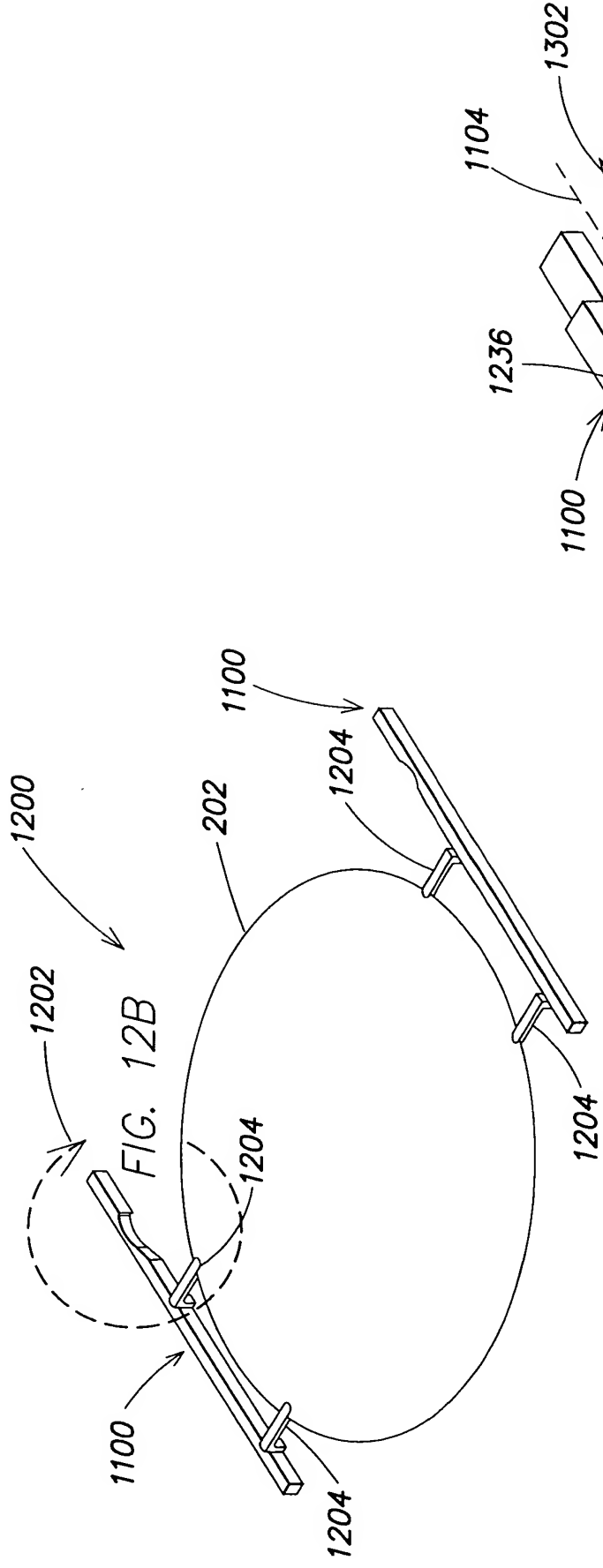


FIG. 12A

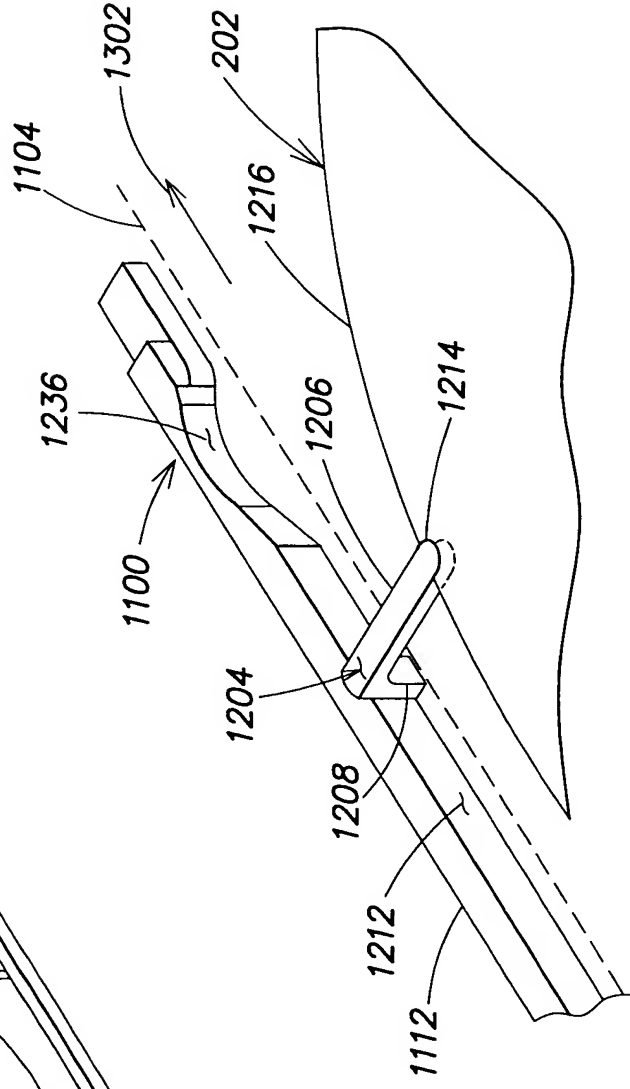


FIG. 12B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081

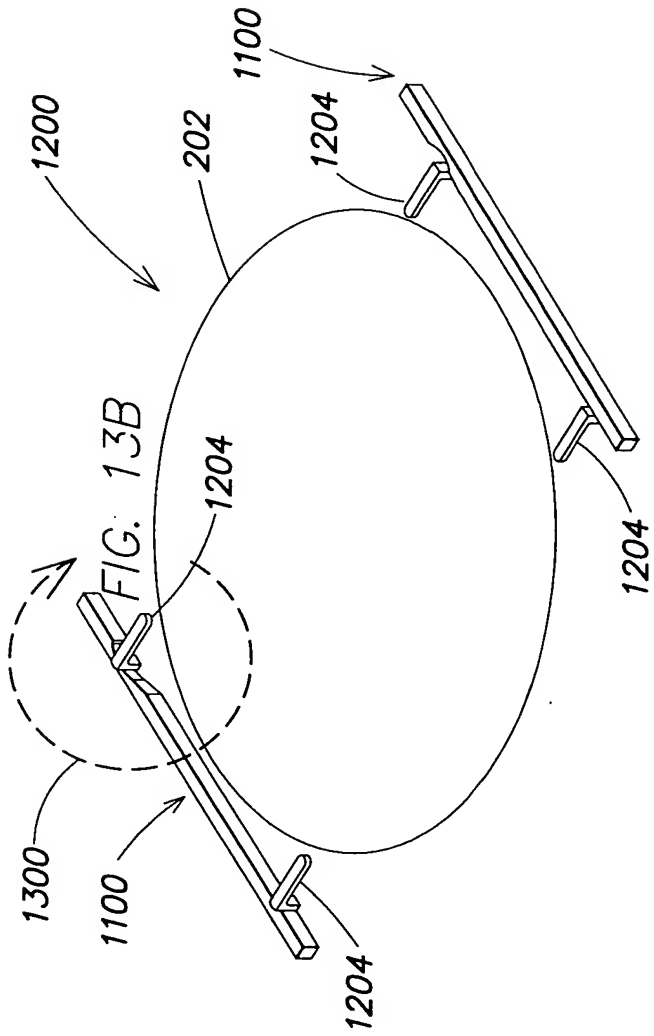


FIG. 13A

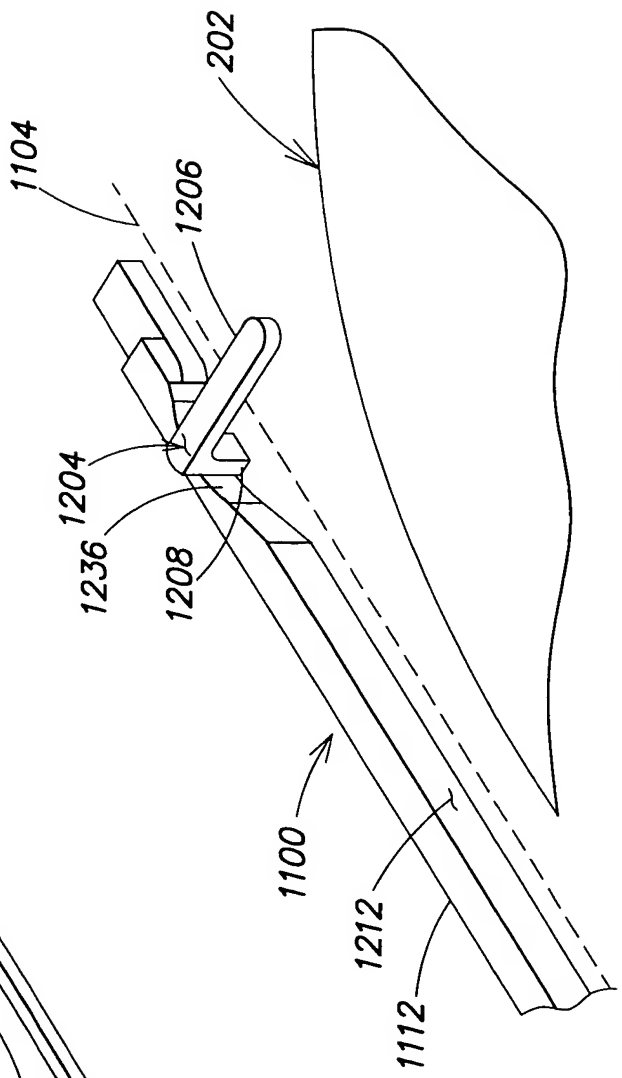


FIG. 13B

Re: Applied Materials Docket No.: 6976/SYNX/JB
METHODS AND APPARATUS FOR USING SUBSTRATE CARRIER MOVEMENT
TO ACTUATE SUBSTRATE CARRIER DOOR OPENING/CLOSING
Inventor(s): Martin R. Elliott, Michael R. Rice, Robert B.
Lowrance, Jeffrey C. Hudgens, Eric A.
Englhardt and Loy Randall Stuart
Serial No.: unknown
Filing Date: herewith

Express Mail Label No.: EV323321580US

Valerie G. Dugan
(914) 332-9081